

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	"385"/\$.ccls. and (split\$4 separat\$4) near5 (wdm multiplex\$3) near5 discrete and combin\$5 near5 discrete near5 (wdm multiplex\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/18 17:51
L2	14	(split\$4 separat\$4) near5 (wdm multiplex\$3) near5 discrete and combin\$5 near5 discrete near5 (wdm multiplex\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/18 17:53
L3	27	(split\$4 separat\$4) near5 (wdm multiplex\$3) near5 discrete near5 (unit group channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/18 17:55
L4	19	3 not 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/18 17:56
L5	451	"385"/\$.ccls. and interleaver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/18 17:58
L6	163	"385"/24.ccls. and interleaver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/18 17:58
L7	4	3 and interleaver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/18 18:01
L8	505	interleaver near3 (advantag\$6 improv\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/18 18:03
L9	18	interleaver near3 multiplexer with (improv\$5 advantag\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/18 18:04
L10	2	"20030021525".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/18 18:19

S1	24177	(waveguide fiber) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/28 14:56
S2	2645	(micro\$1mirror\$1 (micro adj mirror)) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:50
S3	85420	wavelength near5 (siev \$3 combin\$5 filter\$3 multiplex\$3 demultiplex \$3 WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:52
S4	88519	(wavelength near5 (siev \$3 combin\$5 filter\$3 multiplex\$3 demultiplex \$3)) (WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 16:27
S5	28	S1 same S2 same S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:18
S6	20	S5 and (micro\$1lens\$2 (micro adj lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:08
S7	18	S6 and prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:55
S8	1	S7 and (thin near3 film near3 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:55
S10	1	S7 and filter same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:55
S11	18	S7 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:55
S12	1	S7 and substrate near3 glass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:55
S13	1	S7 and substrate near3 (glass silic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:56
S14	18	S7 and (detect\$3 sens \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:56

S15	93308	(wavelength near5 (siev \$3 combin\$5 filter\$3 multiplex\$3 demultiplex \$3 split\$4)) (WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:26
S16	24177	(waveguide fiber) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:26
S17	2645	(micro\$1mirror\$1 (micro adj mirror)) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:26
S18	93308	(wavelength near5 (siev \$3 combin\$5 filter\$3 multiplex\$3 demultiplex \$3 split\$4)) (WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:29
S19	28	S16 same S17 same S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:26
S20	18	wavelength near5 sieve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:36
S21	2	S16 same S18 same S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:30
S22	2	S16 and S18 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:30
S23	10974	wavelength near5 combin\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:30
S25	2	S16 same S17 same S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:31
S26	24204	(waveguide fiber) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:31
S27	2655	(micro\$1mirror\$1 (micro adj mirror)) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:31

S28	88645	(wavelength near5 (siev\$3 combin\$5 filter\$3 multiplex\$3 demultiplex\$3)) (WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:31
S29	28	S26 same S27 same S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:31
S30	20	S29 and (micro\$1lens\$2 (micro adj lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:31
S31	18	S30 and prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:31
S32	19	wavelength near5 sieve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:36
S33	2	S27 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:40
S34	0	(optical adj fiber) with (wavelength near3 filter) with (focus\$4 collimat\$3 lens prism) with (micro\$1mirror\$1 (micro adj mirror))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:42
S36	2	(optical adj fiber) same (wavelength near3 filter) same (focus\$4 collimat\$3 lens prism) same (micro\$1mirror\$1 (micro adj mirror))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:43
S37	15	(fiber waveguide) same (wavelength near5 filter) same (focus\$4 collimat\$3 lens prism) same (micro\$1mirror\$1 (micro adj mirror))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:50
S38	42	(fiber waveguide) same (wavelength near5 filter) same (micro\$1mirror\$1 (micro adj mirror))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:24
S39	11	(fiber waveguide) same (wavelength near5 filter) same ((micro\$1mirror\$1 (micro adj mirror)) near5 array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:22

S40	10	(fiber waveguide) same (wavelength near5 filter) same (focus\$4 collimat\$3 lens prism) same ((micro\$1mirror\$1 (micro adj mirror)) near5 array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:51
S43	10	S40 and (micro\$1lens\$2 (micro adj lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:52
S46	1864	broadcast adj mode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:53
S47	15	S46 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 12:53
S48	6	S40 and \$2multiplex\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:56
S49	34	S38 and \$2multiplex\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:56
S50	24	S38 and demultiplex\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 14:49
S51	4	((fiber waveguide) near5 array) same (wavelength near5 filter) same ((micro\$1mirror\$1 (micro adj mirror)) near5 array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:23
S53	4	((fiber waveguide) near5 array) same (wavelength near5 filter) same (micro\$1mirror\$1 (micro adj mirror))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:24
S54	160	((fiber waveguide) near5 array) and (wavelength near5 filter) and (micro\$1mirror\$1 (micro adj mirror))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:25

S55	48	((fiber waveguide) near3 array) and (wavelength near3 filter) and ((micro \$1mirror\$1 (micro adj mirror)) near3 array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:32
S56	93	((fiber waveguide) near3 array) and (wavelength near3 filter) and ((micro \$1mirror\$1 (micro adj mirror) mems) near3 array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:33
S57	46	S56 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:33
S58	16	S56 and "385"/24.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:33
S59	13	S58 and (lens focus\$4 collimat\$3 prism)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:34
S60	11	S59 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:34
S61	3	S59 and glass near3 substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:48
S62	66308	(waveguide fiber) near3 (array plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:50
S63	12273	(micro\$1mirror\$1 (micro adj mirror) mem \$1) near3 (array plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:04
S64	282	S62 with S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:51
S65	24	S64 with wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:51

S66	72149	((waveguide fiber) near3 (array plurality)) awg	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:51
S67	283	S66 with S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:51
S68	25	S67 with wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:51
S69	1162918	(lens prism collimat\$3 focus\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:52
S70	16	S68 with S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:52
S71	14	S70 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:54
S74	12	S70 and (substrate near3 (glass silic\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S75	12	S74 and (\$2multiplex\$3 \$1wdm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:57
S77	1	S70 and (micro\$1lens \$2 (micro adj lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:56
S80	12273	(micro\$1mirror\$1 (micro adj mirror) mem \$1) near3 (array plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S81	72149	((waveguide fiber) near3 (array plurality)) awg	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S82	283	S81 with S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S83	25	S82 with wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03

S84	1162918	(lens prism collimat\$3 focus\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S85	16	S83 with S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S86	12	S85 and (substrate near3 (glass silic\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S87	12	S86 and (\$2multiplex\$3 \$1wdm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:26
S88	0	S87 and tilt\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S89	377	(micro\$1mirror\$1 (micro adj mirror) mem \$1) near3 (array plurality) near5 tilt\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:04
S90	66308	(waveguide fiber) near3 (array plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:04
S91	22	S90 with S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:06
S94	181	S89 and tilt\$4 with ax \$1s	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:07
S95	120	S90 and S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:08
S96	95	S89 and tilt\$4 with axes	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:07
S97	62	S90 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:36
S98	96	diffraction adj grating with thin adj film adj filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:30

S99	2	S98 and thin adj film adj filter with substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:32
S100	3	S98 and thin adj film adj filter same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:44
S101	1	thin adj film adj filter with suspend\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:36
S102	4	thin adj film adj filter same suspend\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:36
S103	8119	focus\$4 with lens with prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:45
S104	319	S103 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:45
S105	19	S103 and "385"/24. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 12:56
S106	112	(micro\$1mirror\$1 (micro adj mirror) mem \$1) with tilt\$3 with ax \$1s with (orthogonal perpendicular ("90" adj degree))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 12:54
S107	22	S106 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 12:55
S108	187	(sensor detector) near5 mount\$3 near5 grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:09
S109	23	S108 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:13
S110	354	(waveguide fiber) with converg\$3 with grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:20

S111	158	S110 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:14
S112	19	S110 and "385"/24. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:21
S113	669	(waveguide fiber) with converg\$3 with (grating filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:20
S114	38	S113 and "385"/24. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:21
S115	24233	(waveguide fiber) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:24
S116	2668	(micro\$1mirror\$1 (micro adj mirror)) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:24
S117	88792	(wavelength near5 (siev \$3 combin\$5 filter\$3 multiplex\$3 demultiplex \$3)) (WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:24
S118	28	S115 same S116 same S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:24
S119	24	S118 and grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:16
S120	43	fiber near5 converg\$3 near5 grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:16
S121	24233	(waveguide fiber) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:18
S122	2668	(micro\$1mirror\$1 (micro adj mirror)) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:18
S123	88792	(wavelength near5 (siev \$3 combin\$5 filter\$3 multiplex\$3 demultiplex \$3)) (WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:18

S124	28	S121 same S122 same S123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:18
S125	2	S124 and converg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:19
S127	2	"20020131691"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 14:01
S130	2	"6721099".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 14:38
S131	2	"6269202".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 18:15
S132	3532	385/24.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 18:26
S133	2	"20030059195"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 18:27
S134	1	S133 and mount\$3 same grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 18:33
S135	2	"20030223679"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 19:13
S136	2	"20030021525"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 19:21
S137	2	"6657770".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 19:21
S138	2	"6606427".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 14:16
S139	2	"6606427".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 14:16

S140	0	S139 and reflect\$3 near5 pass-band	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 14:16
S141	0	S139 and reflect\$3 near5 pass\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 14:17
S142	1	S139 and reflect\$3 same pass\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 14:17

6/18/2008 7:19:09 PM

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